

International Symposium on Fluorine-Specific Interactions

27.-28.09.2021

Great Lecture Hall & Lecture Hall A, Arnimallee 22, 14195 Berlin
Freie Universität Berlin
Institute for Chemistry und Biochemistry

Time	Monday, 27.09.2021	Tuesday, 28.09.2021
09:45 – 10:00	Welcome	<i>Fluor in metastabilen Materialien – Synthese, Strukturen, Eigenschaften und Anwendungen</i> Oliver Clemens (Stuttgart)
10:00 – 10:30	<i>Adventures in Gold-Fluorine Chemistry</i> Jason Dutton (Melbourne, Australia, online)	
10:30 – 10:45		<i>Trifluoromethyl and Ligand Field Inversion</i> Babil Menjon (Zaragoza, online)
10:45 – 11:15	Coffee Break	
11:15 – 11:45	<i>Occurrence, Distribution, Analysis, Toxicology and Remediation of Per- and Polyfluorinated Environmental Pollutants in Germany</i> Volker Birke (Wismar, online)	Coffee Break
11:45 – 12:00		
12:00 – 12:30	<i>Up-conversion luminophores based on strontium fluoride doped ytterbium and erbium</i> Young Talents Award 2020 Yulia Ermakova (Moscow, Russia, online)	<i>Harnessing Fluorine as Directing Tool in Organic Synthesis</i> Tanja Guldner (Leipzig)
12:30 – 13:00	Lunch Break	<i>I(I)/I(III)-Catalysed Fluorination of Alkenes and Alkynes</i> Young Talents Award 2021 Jessica Neufeld (Münster)
13:00 – 13:30		Lunch Break
13:30 – 14:00	<i>Benchmarking molecular interactions in between spectroscopy and theory</i> Ricardo Mata (Göttingen)	
14:00 – 14:15		<i>Fluorinated Glycostructures: Translating Physical Organic Principles to Biomedicine</i> Ryan Gilmour (Münster)
14:15 – 14:45	<i>New Frontiers in Fluorine Chemistry for Industrial Application</i> Frederic Leroux (Strasbourg, France)	
14:45 – 15:00		
15:00 – 15:30	<i>Synthesis of Novel Pentafluoro-sulfanyloxy Compounds</i> Axel Haupt (Bremen, online)	<i>Stereoelectronic effects in organofluorine compounds</i> Rodrigo Cormanich (Sao Paulo, Brazil, online)

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15:30 – 16:00	Postersession with drinks and snacks	<i>A Dive into Oxidative Fluorination of Heteroatoms Enabled by a "Swimming Pool" Reagent</i> Cody Ross Pitts (Davis, USA, online)
16:00 – 16:30		Coffee Break
16:30 – 17:15		<i>Fluorine as a bioelement: fluorine interactions in the context of protein structures.</i> Ned Budisa (Winnipeg, Canada, online)
17:15 – 17:45		<i>F-H-F Hydrogen-Mediated Chemical Bond: Ultra-fast 2D Full Mid-IR Spectroscopy Inquest</i> Bogdan Dereka (Chicago, USA, online)
ab 18:00	Nachsitzung / BBQ(?)	Nachsitzung